Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071718\
Data File : BE096958.D
Acq On : 17 Jul 2018 14:12
Operator : SJ/JU
Sample : SSTD3.265
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 17 14:51:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE071718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 17 13:01:30 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	1614	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	7961	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	4382	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.78	188	11849	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	16269	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	13638	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.74	152	37296	2.86	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	108787	3.69	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.18	128	55014	2.859	ng/ul#	90
5) 2-Methylnaphthalene	11.81	142	37960	2.896	ng/ul	98
7) Acenaphthylene	13.74	152	56499	3.146	ng/ul	95
8) Acenaphthene	14.09	153	42134	2.841	ng/ul	95
9) Fluorene	15.08	166	47146	3.081	ng/ul#	94
11) Pentachlorophenol	16.43	266	4838	6.238	ng/ul	97
12) Phenanthrene	16.81	178	87073	2.850	ng/ul#	88
13) Anthracene	16.90	178	84246	3.247	ng/ul#	91
15) Fluoranthene	18.84	202	119730	3.679	ng/ul	84
17) Pyrene	19.21	202	117792	2.206	ng/ul#	81
18) Benzo(a)anthracene	20.96	228	125661	3.275	ng/ul#	85
19) Chrysene	21.01	228	127187	2.558	ng/ul	96
21) Benzo(b)fluoranthene	22.54	252	121297	3.259	ng/ul	81
22) Benzo(k)fluoranthene	22.58	252	123580	3.041	ng/ul#	83
23) Benzo(a)pyrene	23.11	252	109378	3.474	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	25.50	276	123246	3.771	ng/ul#	80
25) Dibenzo(a,h)anthracene	25.53	278	103630	3.991	ng/ul#	86
26) Benzo(g,h,i)perylene	26.20	276	104458	3.293	ng/ul#	92

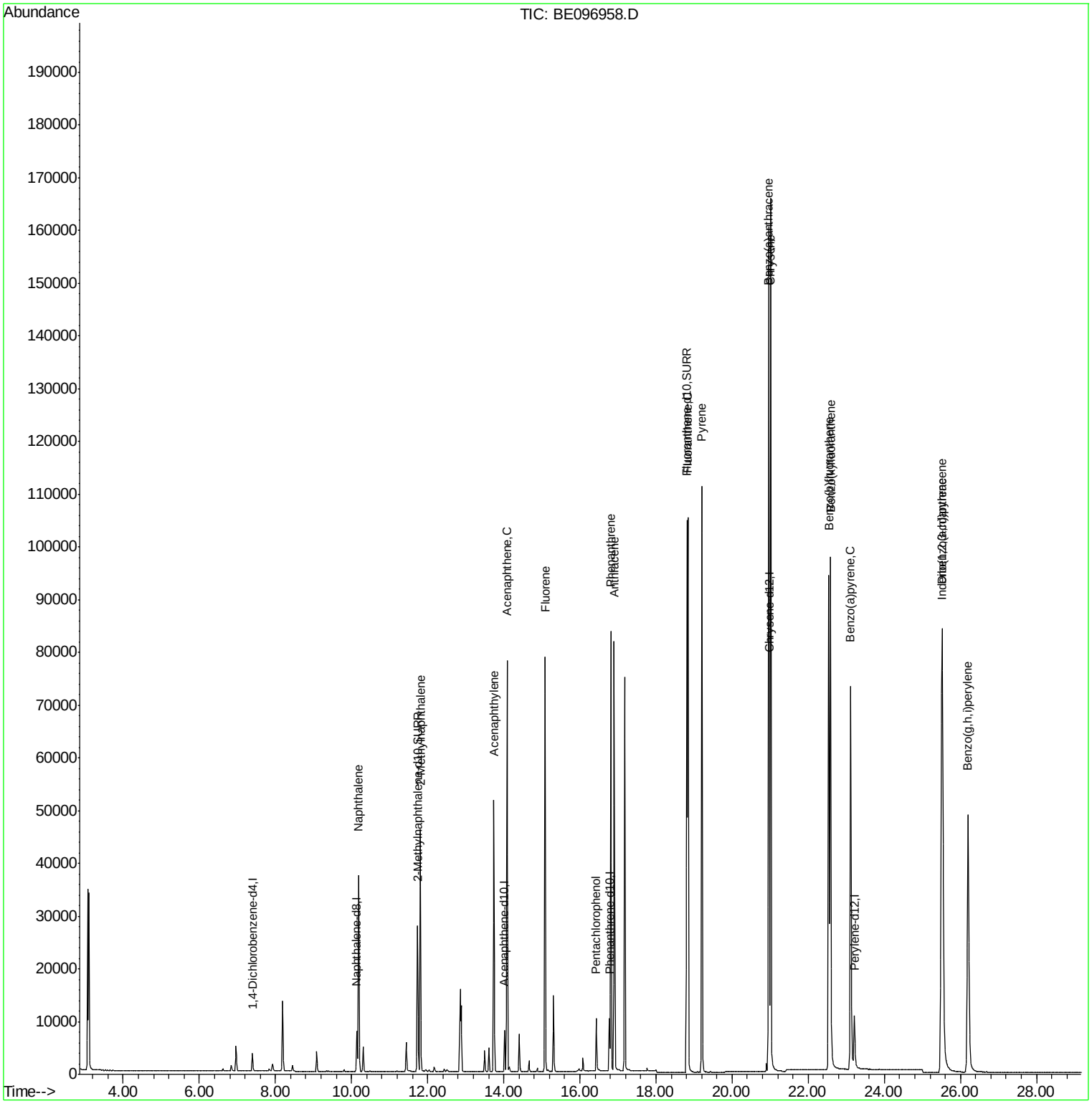
(#) = qualifier out of range (m) = manual integration (+) = signals summed

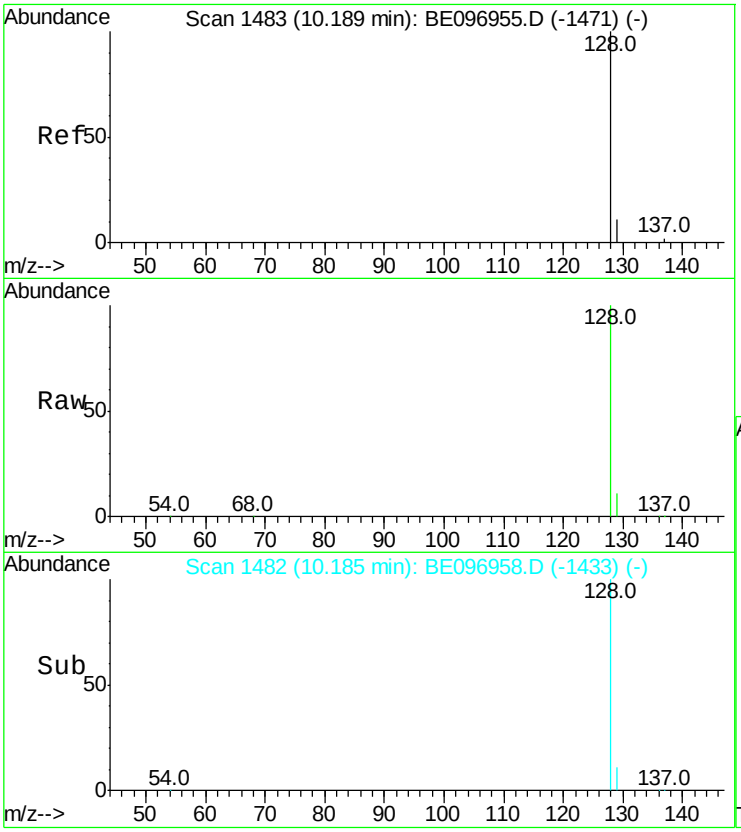
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071718\
Data File : BE096958.D
Acq On : 17 Jul 2018 14:12
Operator : SJ/JU
Sample : SSTD3.265
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 17 14:51:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE071718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 17 13:01:30 2018
Response via : Initial Calibration



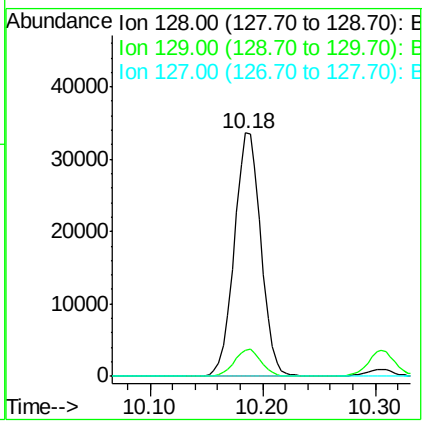


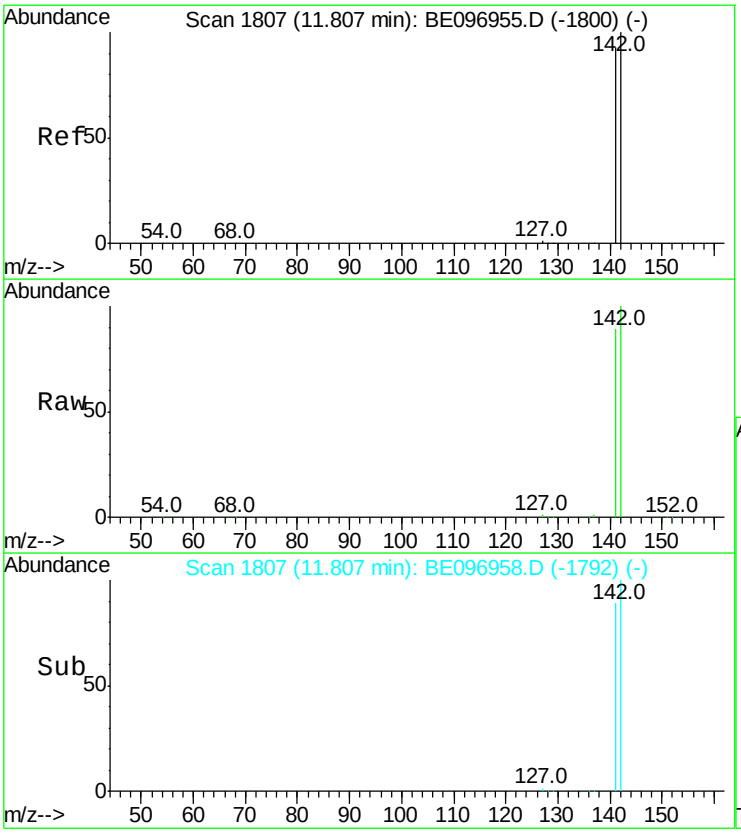
#3
Naphthalene
Concen: 2.859 ng/ul
RT: 10.18 min Scan# 1482
Delta R.T. -0.00 min
Lab File: BE096958.D
Acq: 17 Jul 2018 14:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 55014

Ion	Ratio	Lower	Upper
128	100		
129	10.9	11.3	16.9#
127	0.0	4.0	6.0#

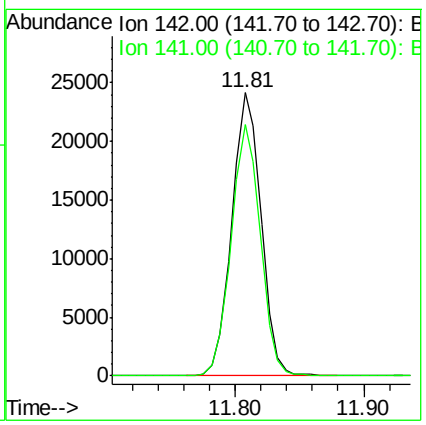


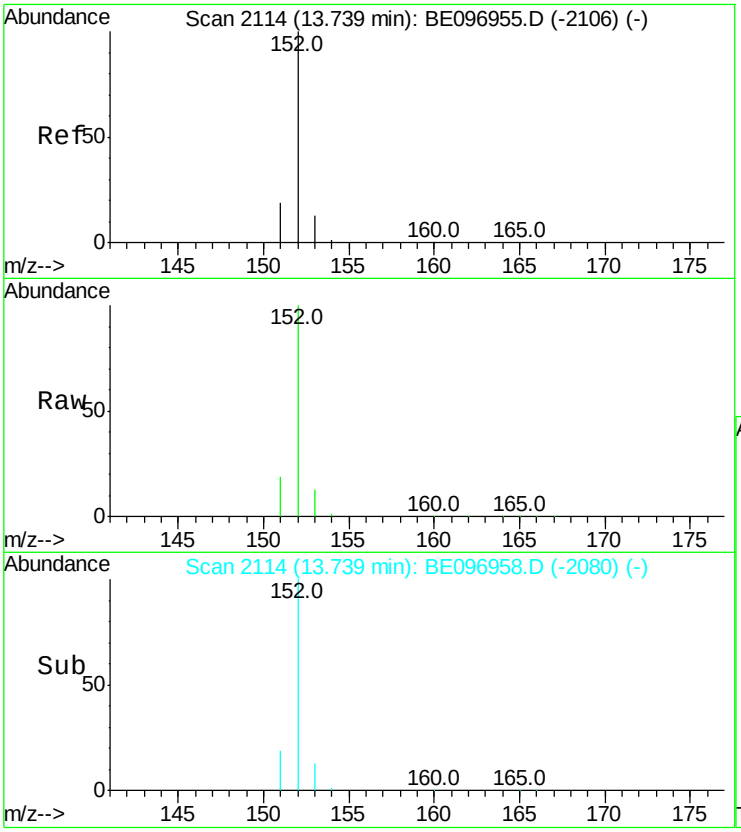


#5
2-Methylnaphthalene
Concen: 2.896 ng/ul
RT: 11.81 min Scan# 1807
Delta R.T. -0.00 min
Lab File: BE096958.D
Acq: 17 Jul 2018 14:12

Tgt Ion:142 Resp: 37960

Ion	Ratio	Lower	Upper
142	100		
141	88.5	72.6	108.8



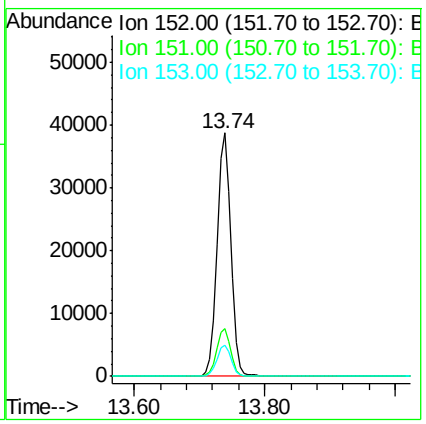


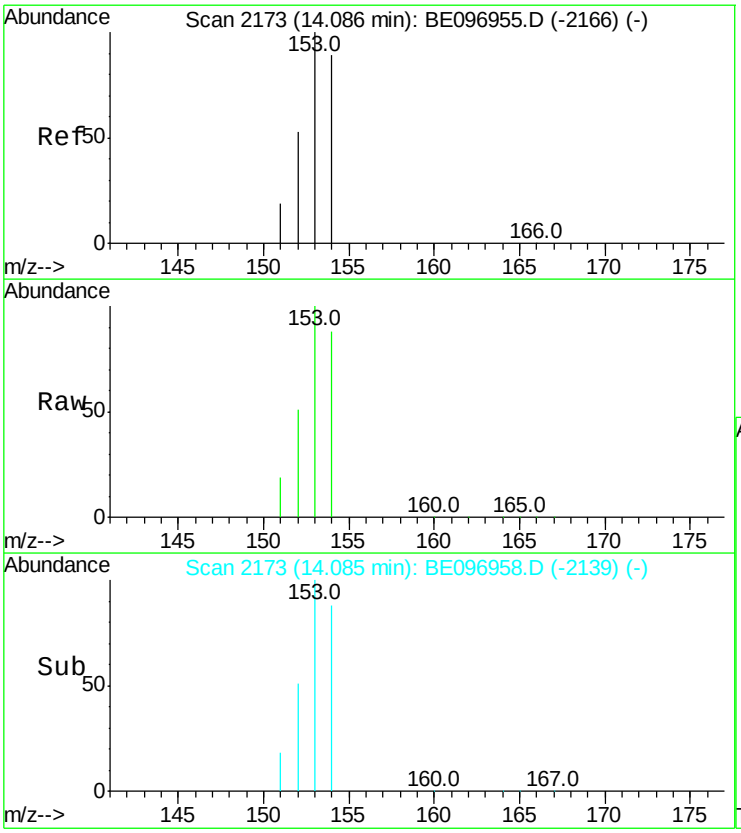
#7
Acenaphthylene
Concen: 3.146 ng/ul
RT: 13.74 min Scan# 2114
Delta R.T. -0.00 min
Lab File: BE096958.D
Acq: 17 Jul 2018 14:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 56499

Ion	Ratio	Lower	Upper
152	100		
151	19.5	17.1	25.7
153	12.9	12.8	19.2

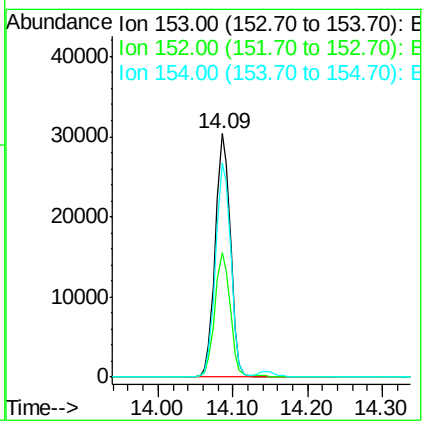


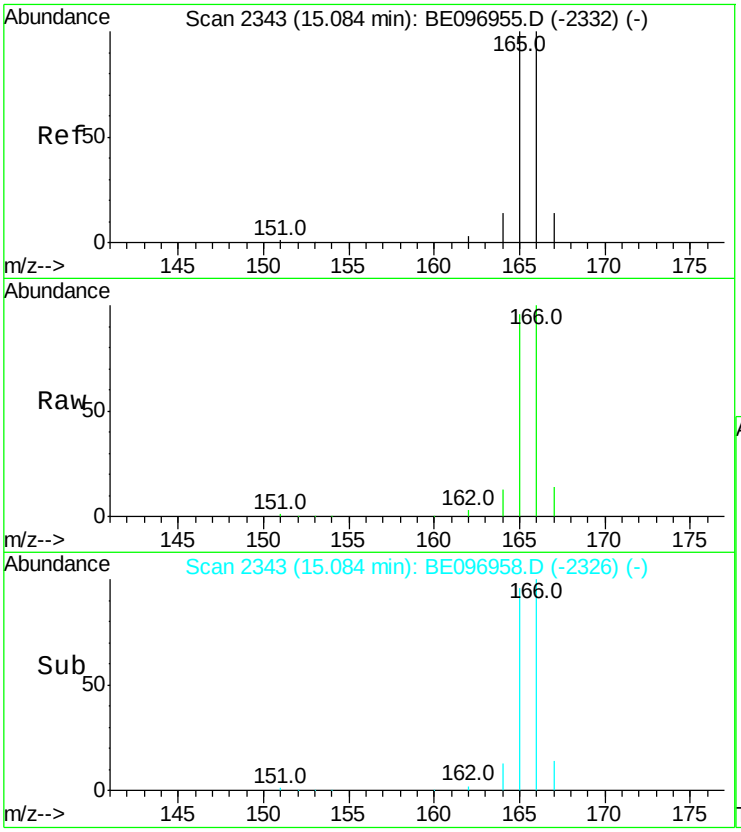


#8
Acenaphthene
Concen: 2.841 ng/ul
RT: 14.09 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BE096958.D
Acq: 17 Jul 2018 14:12

Tgt Ion:153 Resp: 42134

Ion	Ratio	Lower	Upper
153	100		
152	51.1	36.0	54.0
154	87.8	72.0	108.0



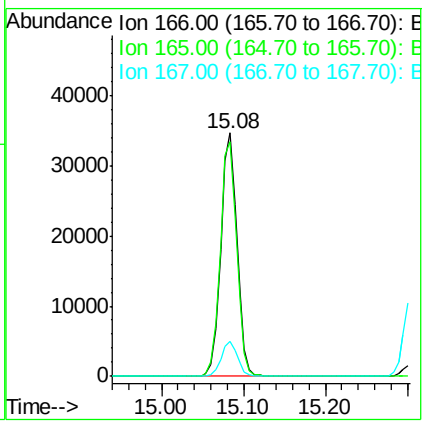


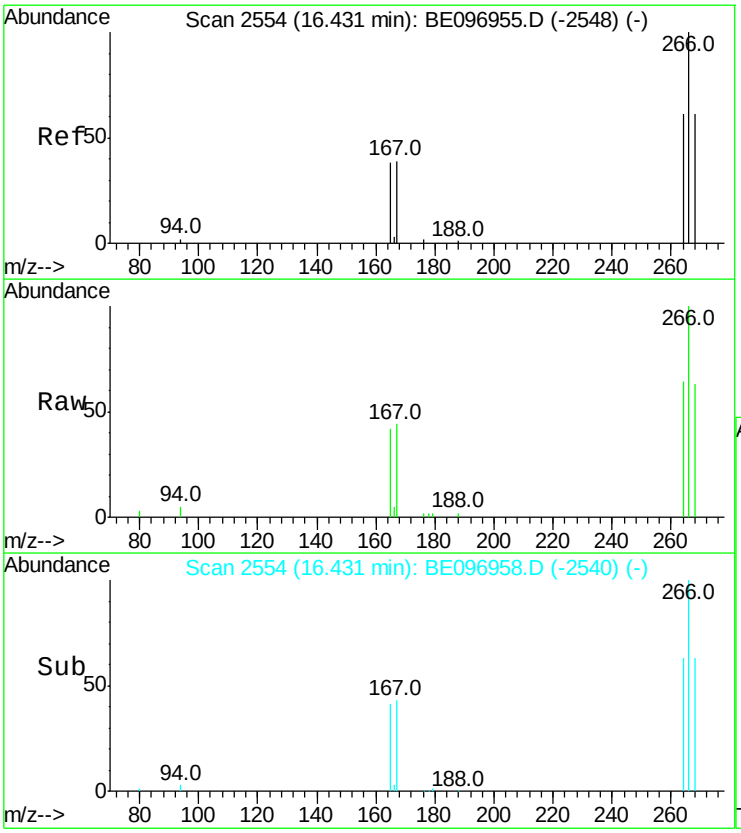
#9
Fluorene
Concen: 3.081 ng/ul
RT: 15.08 min Scan# 2343
Delta R.T. -0.00 min
Lab File: BE096958.D
Acq: 17 Jul 2018 14:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 47146

Ion	Ratio	Lower	Upper
166	100		
165	96.5	73.4	110.2
167	14.4	14.6	22.0#

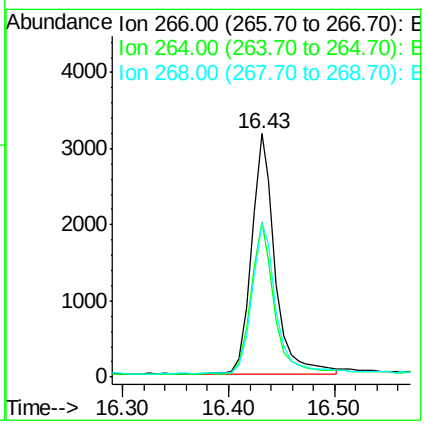


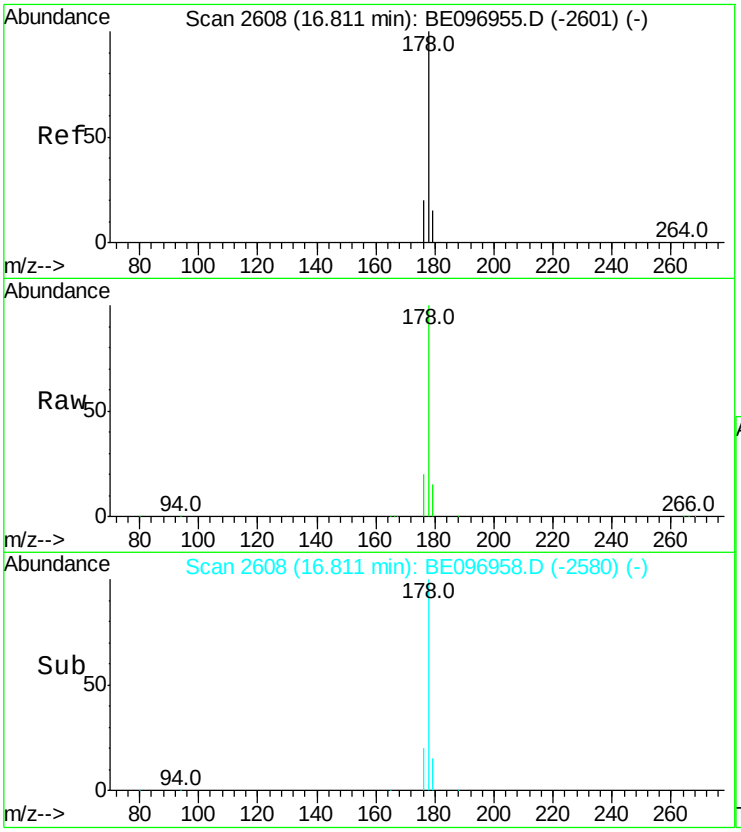


#11
Pentachlorophenol
Concen: 6.238 ng/ul
RT: 16.43 min Scan# 2554
Delta R.T. -0.00 min
Lab File: BE096958.D
Acq: 17 Jul 2018 14:12

Tgt Ion:266 Resp: 4838

Ion	Ratio	Lower	Upper
266	100		
264	62.9	47.9	71.9
268	64.5	49.8	74.8



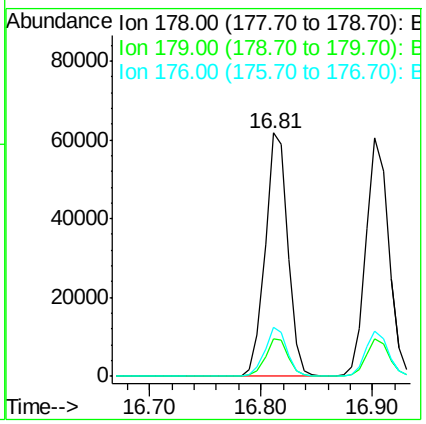


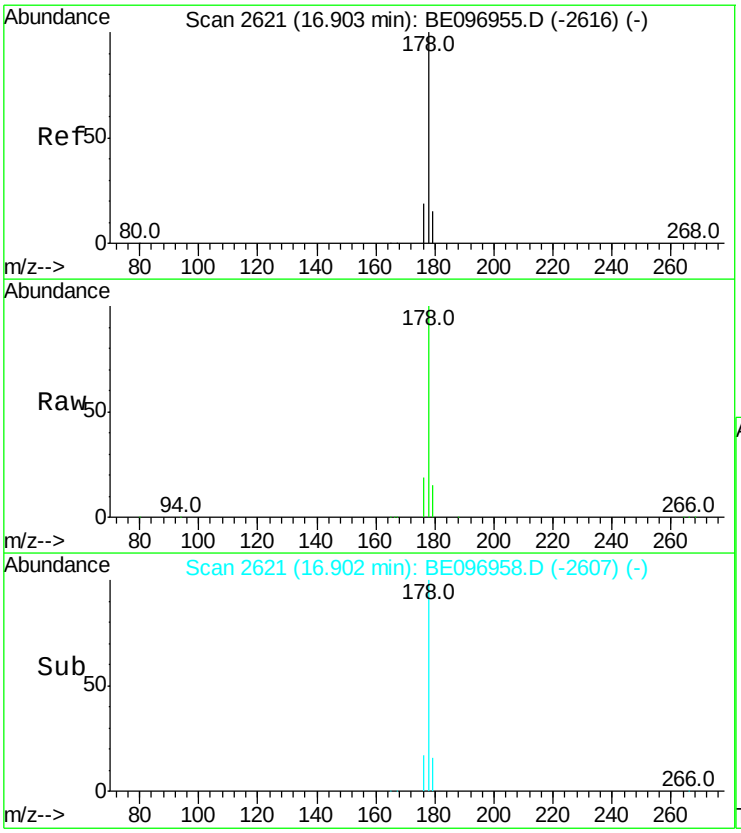
#12
Phenanthrene
Concen: 2.850 ng/ul
RT: 16.81 min Scan# 2608
Delta R.T. -0.00 min
Lab File: BE096958.D
Acq: 17 Jul 2018 14:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 87073

Ion	Ratio	Lower	Upper
178	100		
179	15.2	18.4	27.6#
176	19.9	13.6	20.4

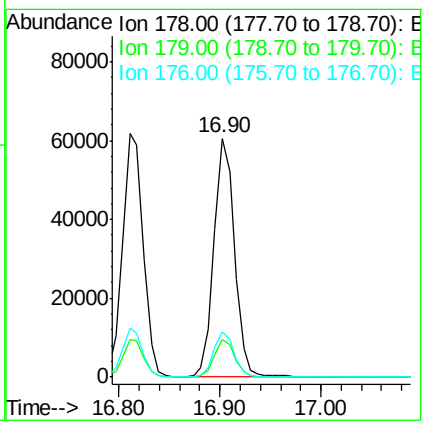


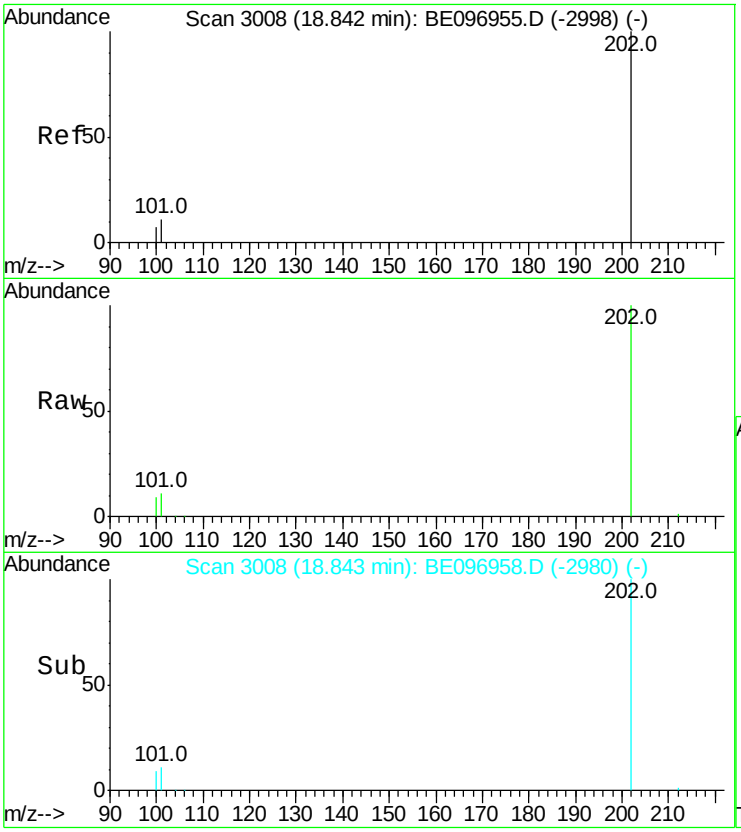


#13
Anthracene
Concen: 3.247 ng/ul
RT: 16.90 min Scan# 2621
Delta R.T. -0.00 min
Lab File: BE096958.D
Acq: 17 Jul 2018 14:12

Tgt Ion:178 Resp: 84246

Ion	Ratio	Lower	Upper
178	100		
179	15.5	18.1	27.1#
176	19.2	14.7	22.1



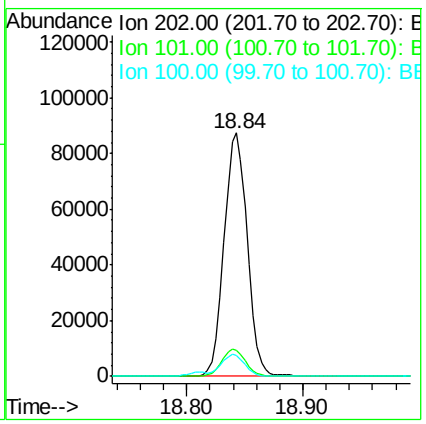


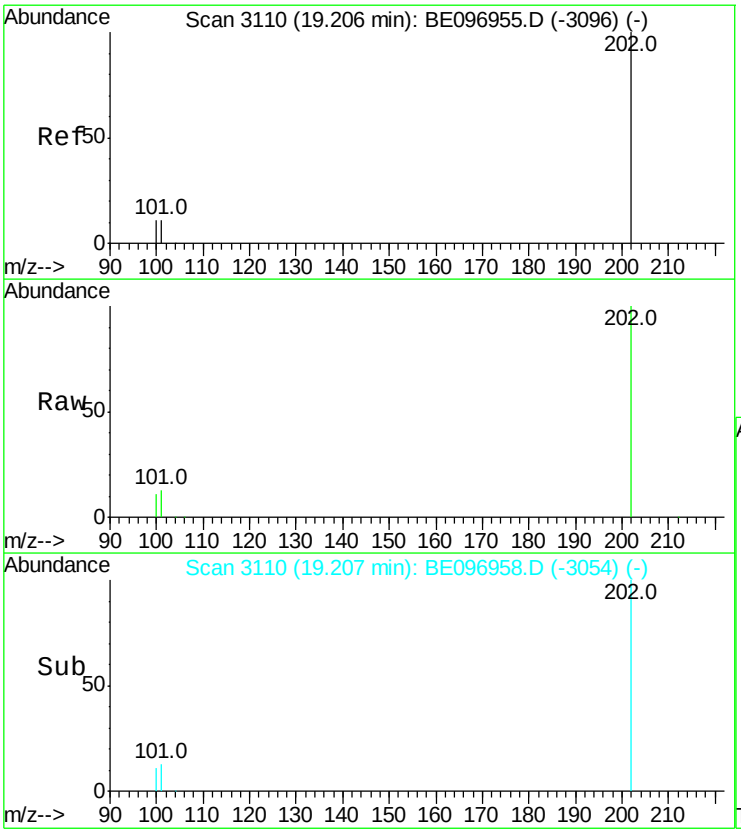
#15
Fluoranthene
Concen: 3.679 ng/ul
RT: 18.84 min Scan# 3008
Delta R.T. 0.00 min
Lab File: BE096958.D
Acq: 17 Jul 2018 14:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 119730

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	30.3
100	8.6	0.0	39.5

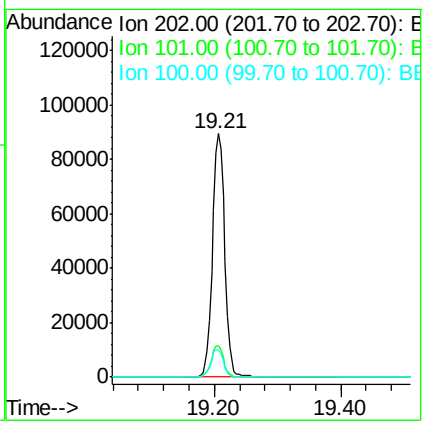


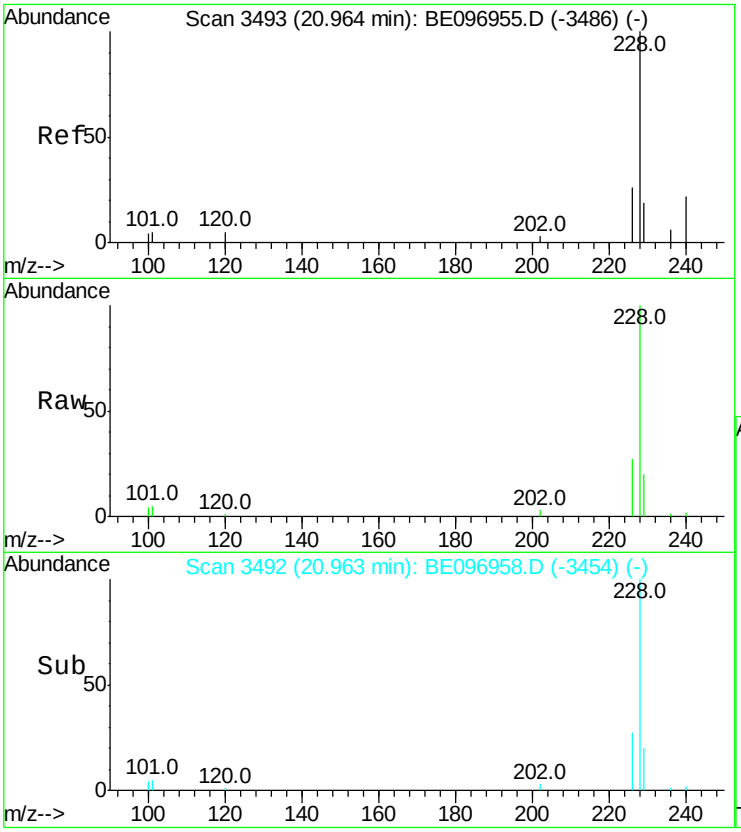


#17
Pyrene
Concen: 2.206 ng/ul
RT: 19.21 min Scan# 3110
Delta R.T. 0.00 min
Lab File: BE096958.D
Acq: 17 Jul 2018 14:12

Tgt Ion:202 Resp: 117792

Ion	Ratio	Lower	Upper
202	100		
101	13.0	18.2	27.4#
100	11.4	15.6	23.4#



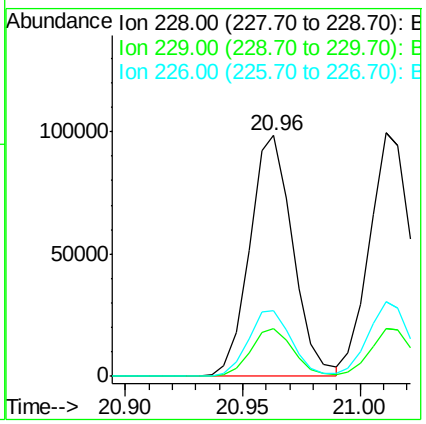


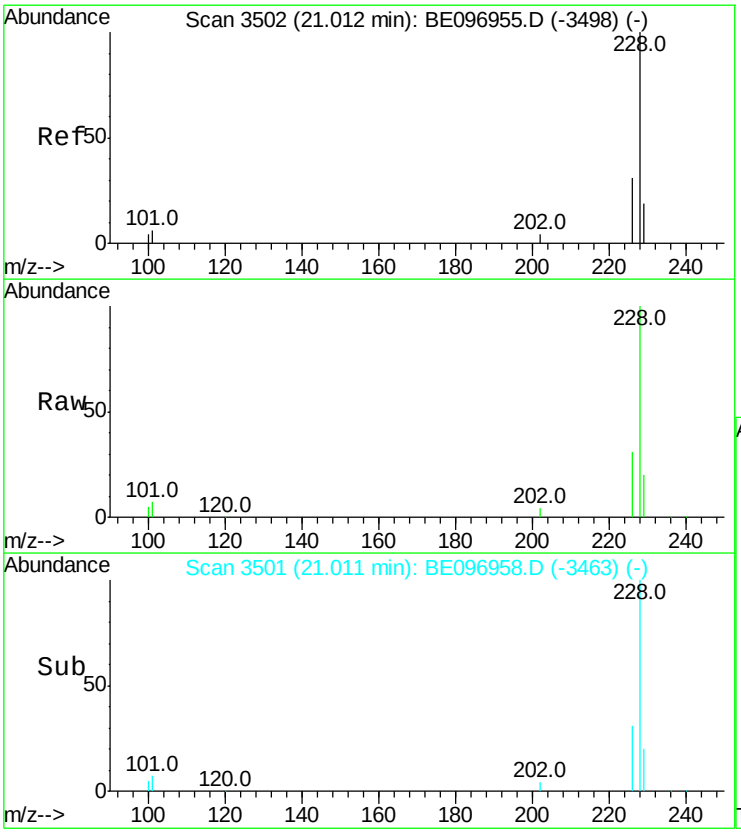
#18
Benzo(a)anthracene
Concen: 3.275 ng/ul
RT: 20.96 min Scan# 3492
Delta R.T. -0.00 min
Lab File: BE096958.D
Acq: 17 Jul 2018 14:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 125661

Ion	Ratio	Lower	Upper
228	100		
229	19.9	22.8	34.2#
226	27.2	17.0	25.6#

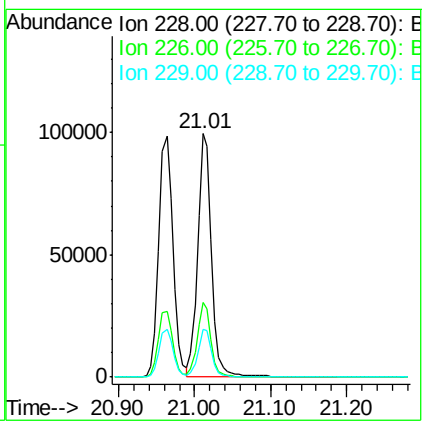


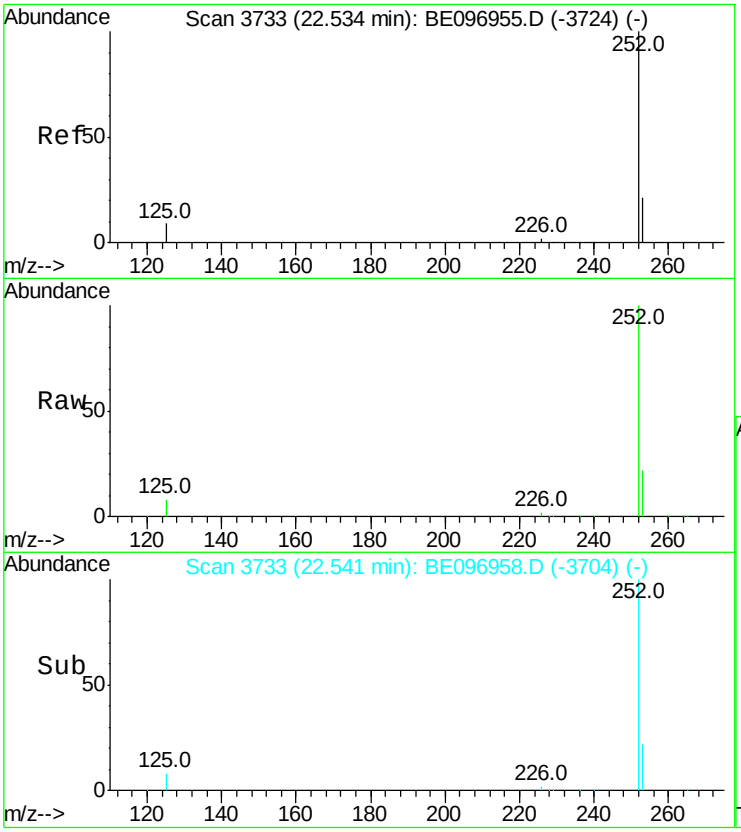


#19
Chrysene
Concen: 2.558 ng/ul
RT: 21.01 min Scan# 3501
Delta R.T. -0.00 min
Lab File: BE096958.D
Acq: 17 Jul 2018 14:12

Tgt Ion:228 Resp: 127187

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.4	35.0
229	19.5	17.7	26.5



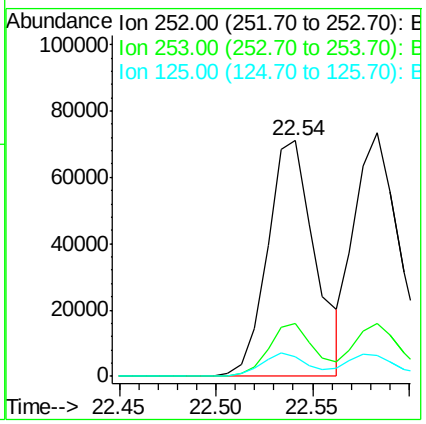


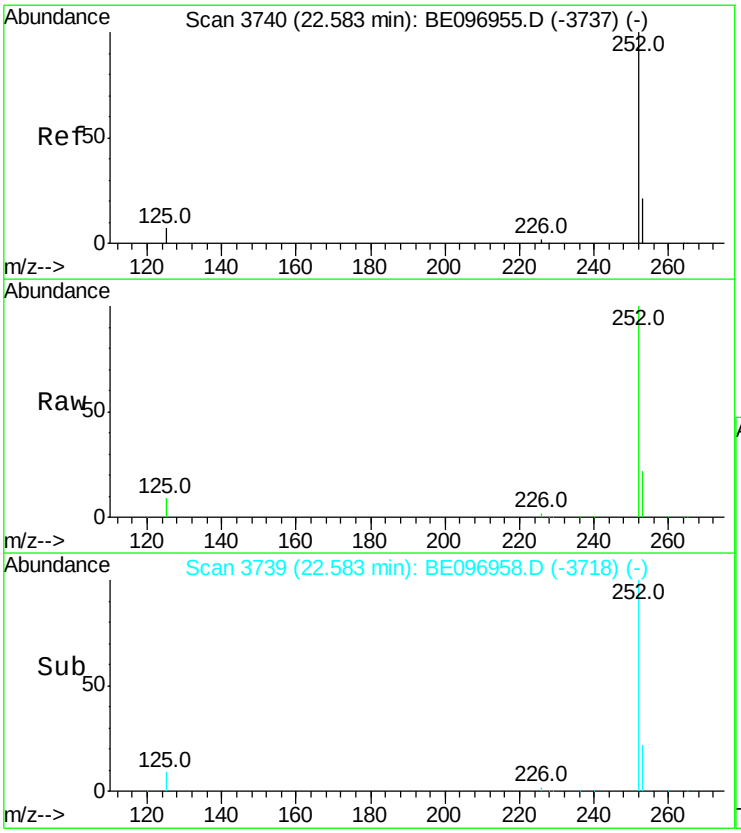
#21
Benzo(b)fluoranthene
Concen: 3.259 ng/ul
RT: 22.54 min Scan# 3733
Delta R.T. 0.01 min
Lab File: BE096958.D
Acq: 17 Jul 2018 14:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 121297

Ion	Ratio	Lower	Upper
252	100		
253	22.2	0.0	64.2
125	8.1	0.0	35.0

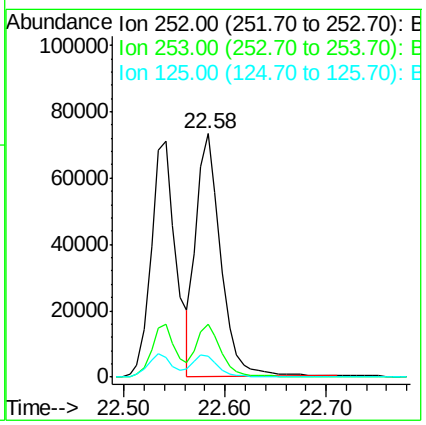


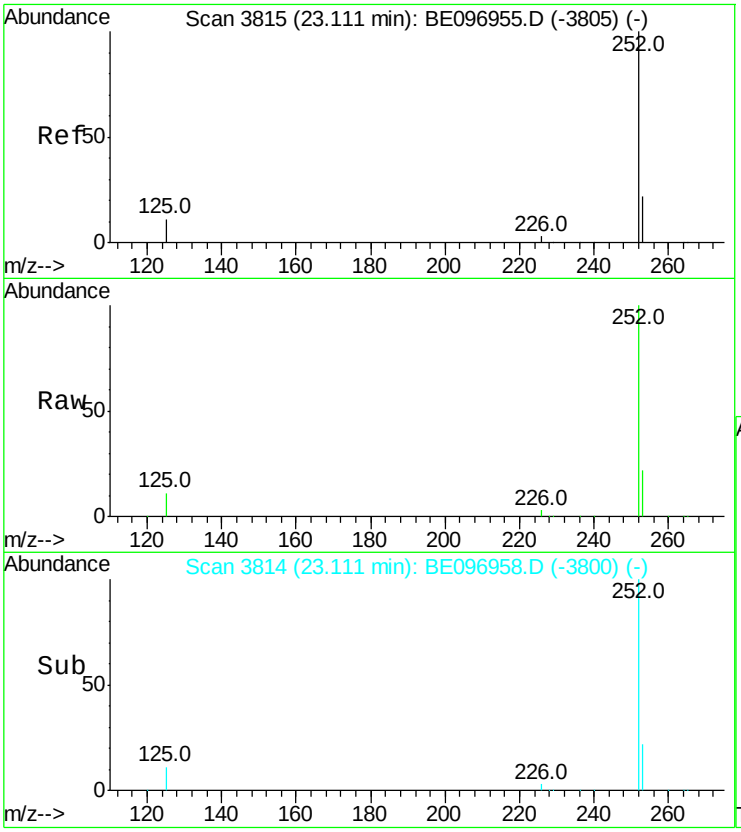


#22
Benzo(k)fluoranthene
Concen: 3.041 ng/ul
RT: 22.58 min Scan# 3739
Delta R.T. -0.00 min
Lab File: BE096958.D
Acq: 17 Jul 2018 14:12

Tgt Ion:252 Resp: 123580

Ion	Ratio	Lower	Upper
252	100		
253	21.9	24.5	36.7#
125	8.8	13.7	20.5#



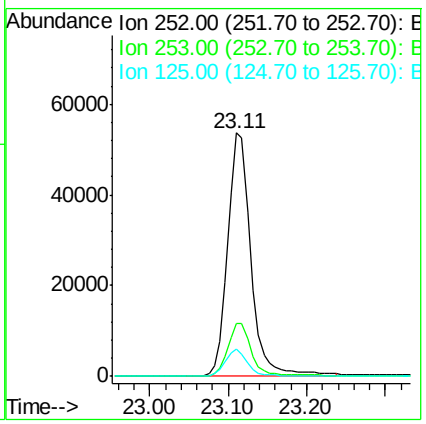


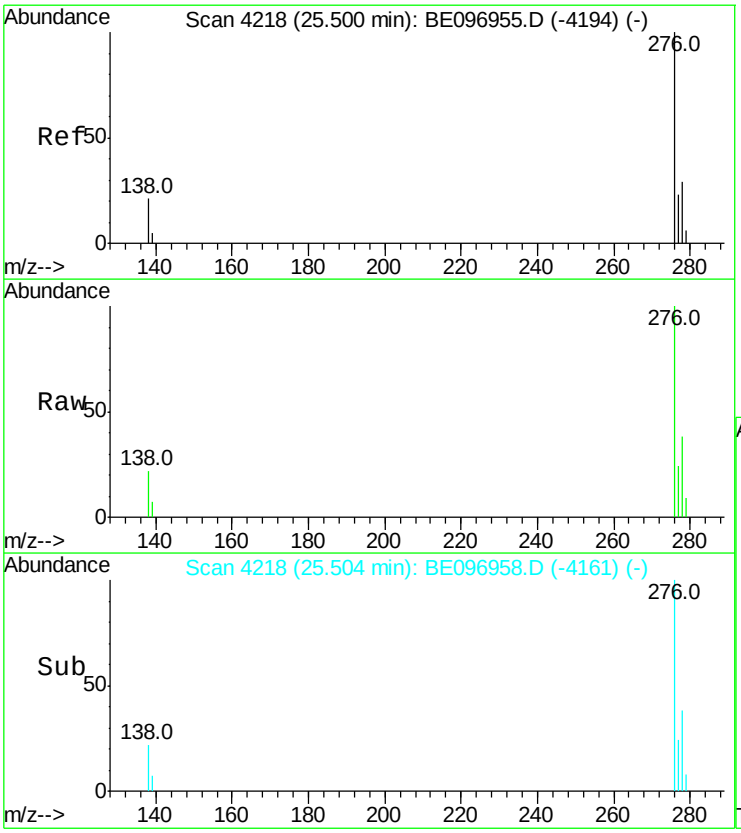
#23
Benzo(a)pyrene
Concen: 3.474 ng/ul
RT: 23.11 min Scan# 3814
Delta R.T. -0.00 min
Lab File: BE096958.D
Acq: 17 Jul 2018 14:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 109378

Ion	Ratio	Lower	Upper
252	100		
253	21.7	28.5	42.7#
125	11.0	18.1	27.1#

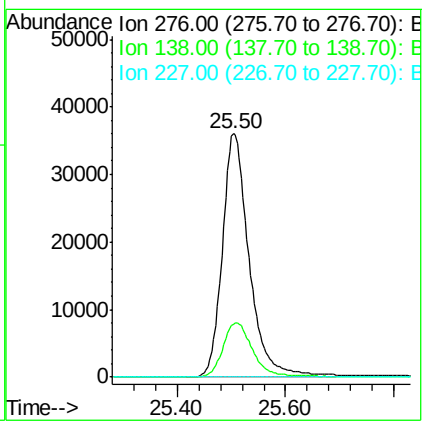


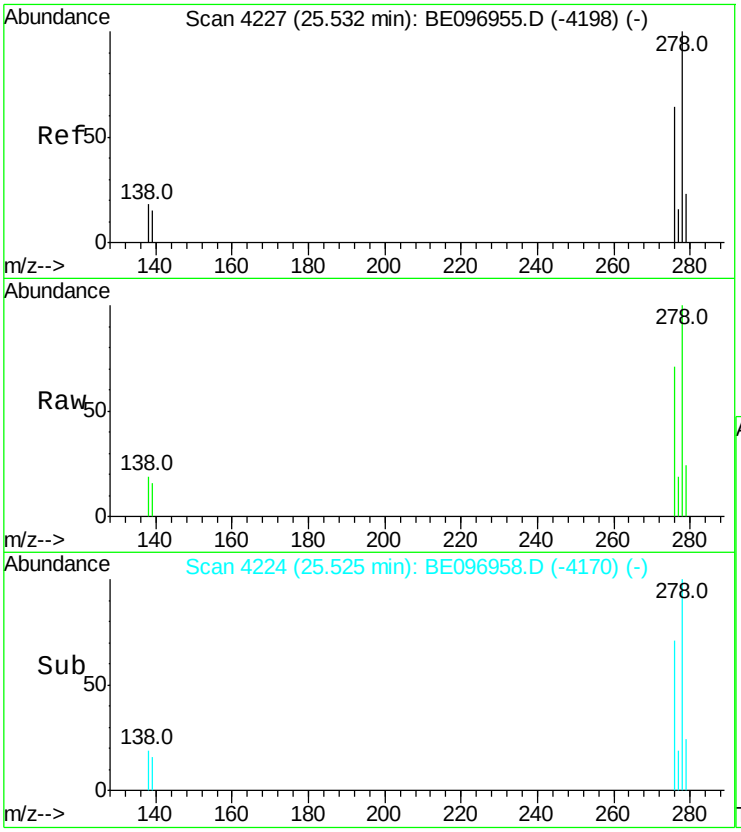


#24
Indeno(1,2,3-cd)pyrene
Concen: 3.771 ng/ul
RT: 25.50 min Scan# 4218
Delta R.T. 0.00 min
Lab File: BE096958.D
Acq: 17 Jul 2018 14:12

Tgt Ion:276 Resp: 123246

Ion	Ratio	Lower	Upper
276	100		
138	24.6	28.0	42.0#
227	0.0	8.0	12.0#



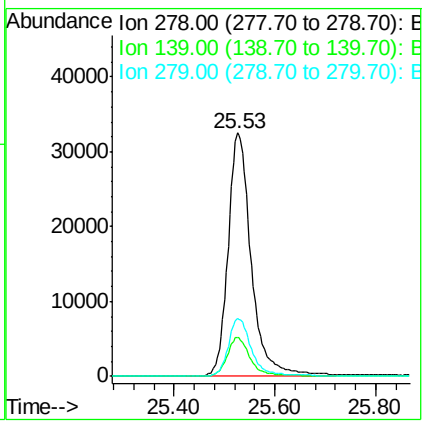


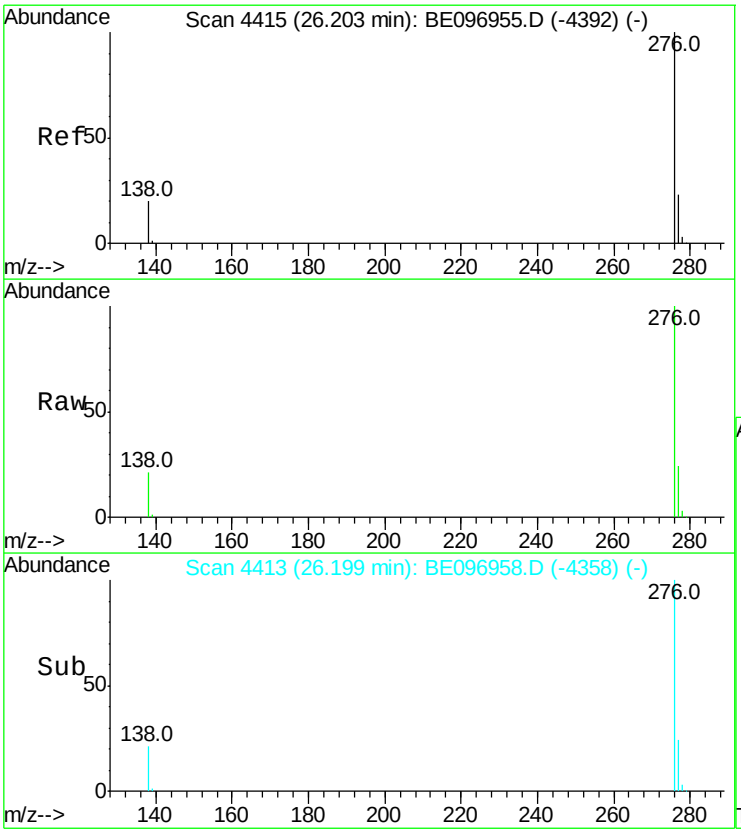
#25
Dibenzo(a,h)anthracene
Concen: 3.991 ng/ul
RT: 25.53 min Scan# 4224
Delta R.T. -0.01 min
Lab File: BE096958.D
Acq: 17 Jul 2018 14:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 103630

Ion	Ratio	Lower	Upper
278	100		
139	15.9	17.4	26.0#
279	23.8	25.9	38.9#





#26
Benzo(g,h,i)perylene
Concen: 3.293 ng/ul
RT: 26.20 min Scan# 4413
Delta R.T. -0.00 min
Lab File: BE096958.D
Acq: 17 Jul 2018 14:12

Tgt Ion:276 Resp: 104458

Ion	Ratio	Lower	Upper
276	100		
138	21.0	21.8	32.8#
277	23.8	20.5	30.7